

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: I. REY-FABRET ET AL.  
Serial No.: New Application  
Filed: December 21, 2001  
For: METHOD FOR FORMING AN OPTIMIZED NEURAL  
NETWORK MODULE INTENDED TO SIMULATE THE  
FLOW MODE OF A MULTIPHASE FLUID STREAM

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The following preliminary amendments and remarks are respectfully  
submitted in connection with the above-identified application.

**IN THE SPECIFICATION:**

Please replace the original specification with the attached Substitute  
Specification.

**REMARKS**

The specification has been amended to improve its form for examination.  
Applicants submit herewith a Substitute Specification, along with a marked-up copy  
of the original specification for the Examiner's convenience. The substitute  
specification includes the changes as shown in the marked-up copy and includes no